

Figure 1

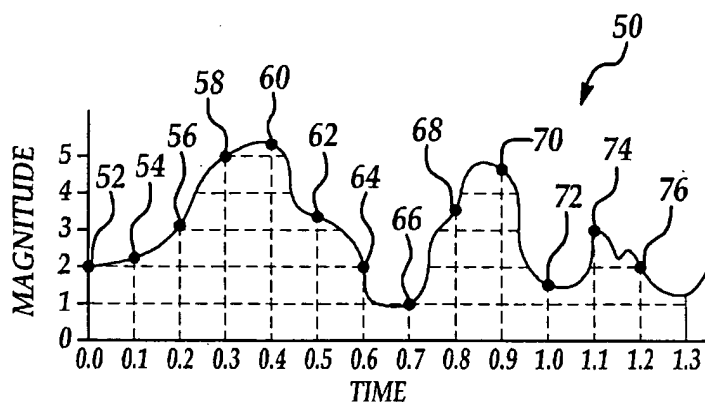


Figure 2

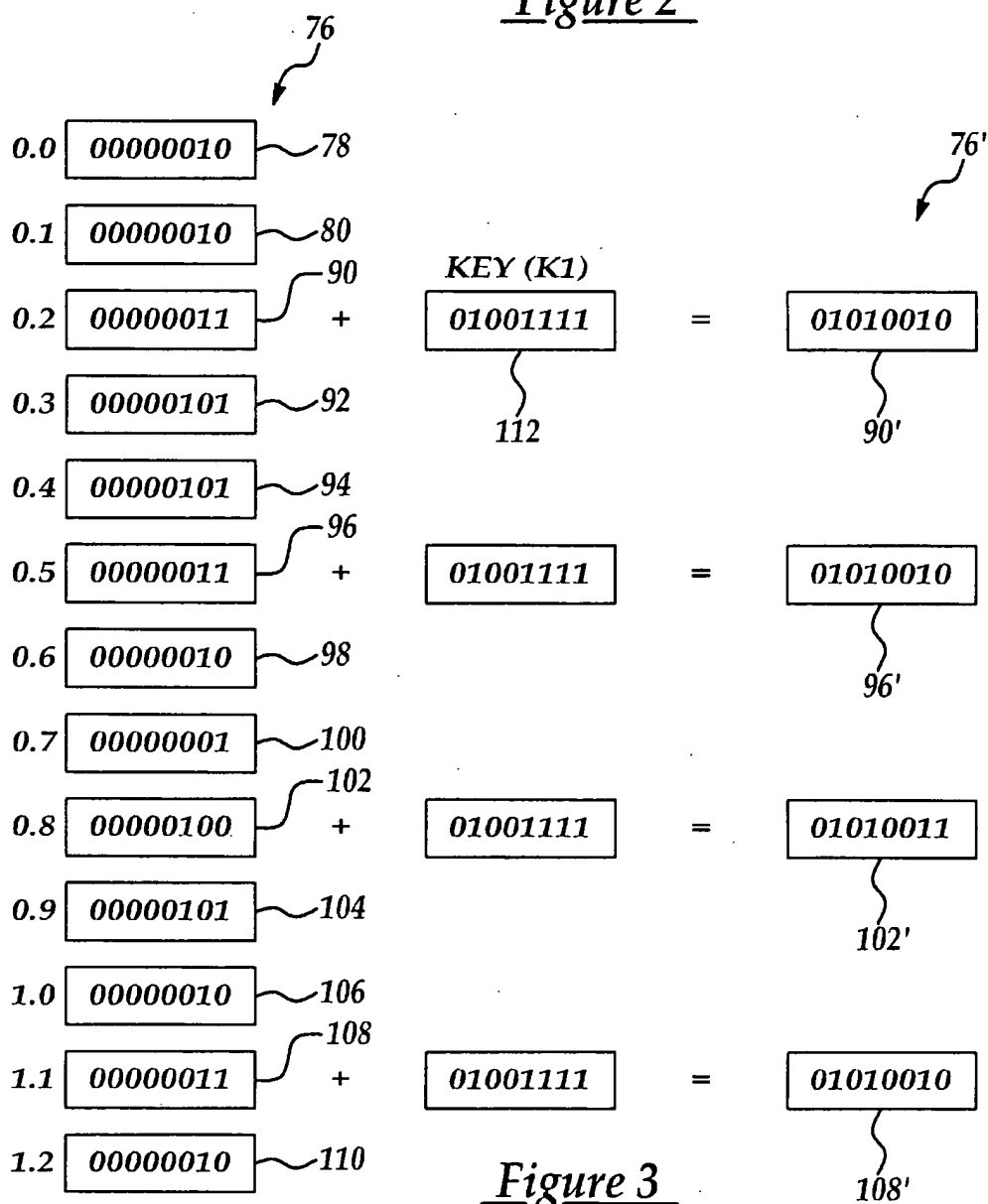


Figure 3

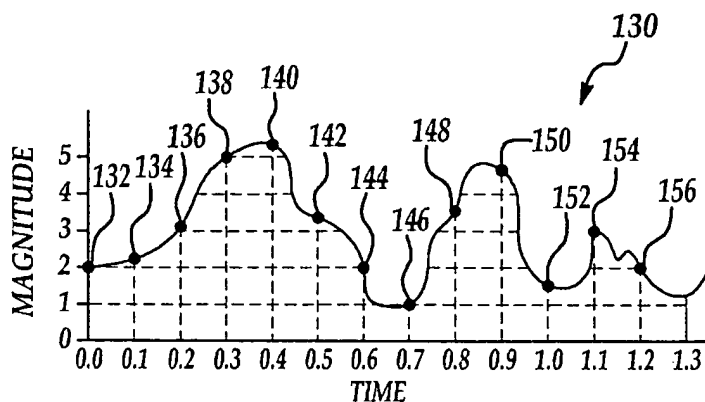


Figure 4

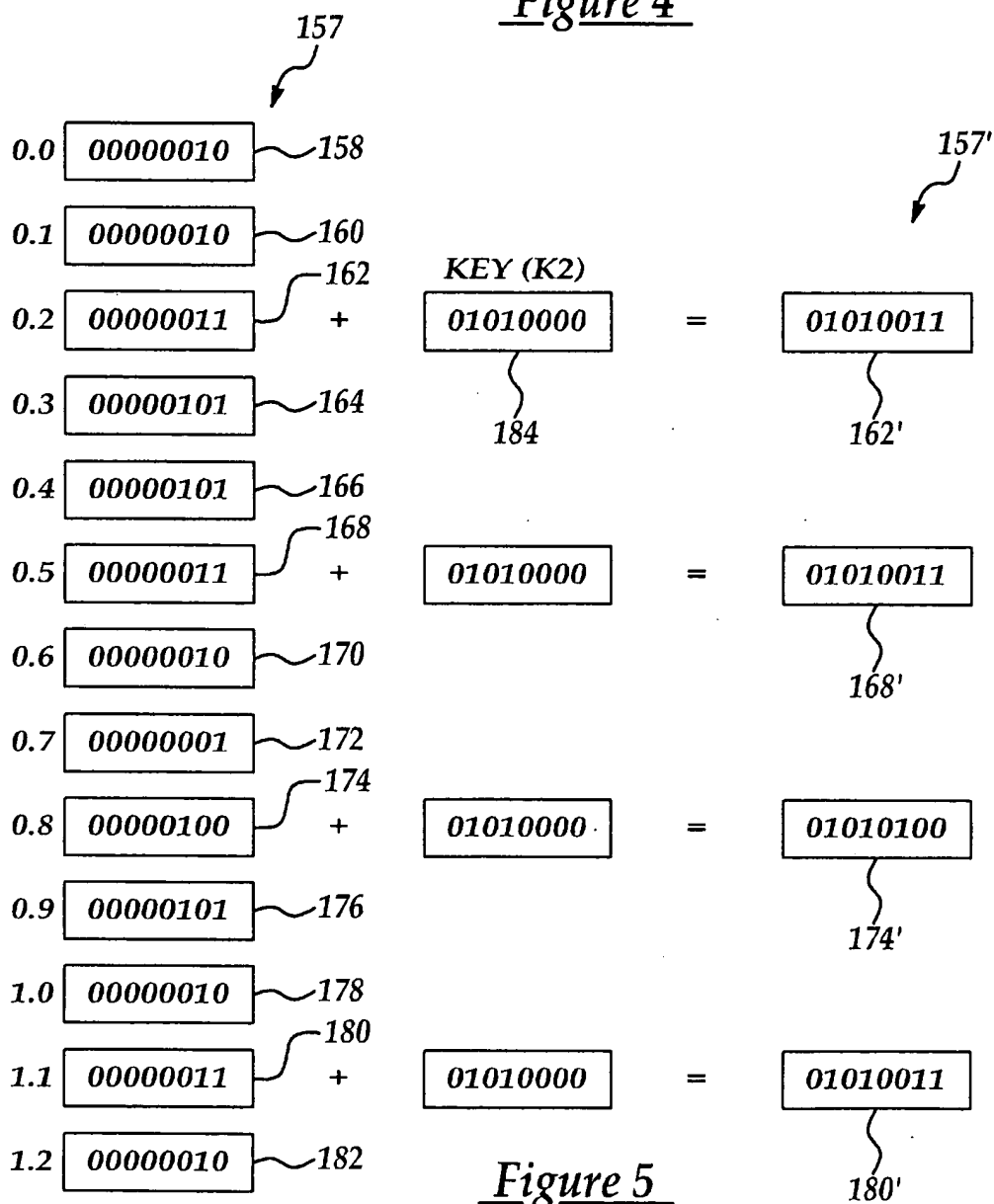


Figure 5

ATM CELL STRUCTURE FOR DATA MESSAGE

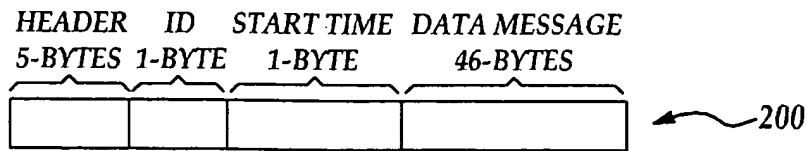


Figure 6

ATM CELL STRUCTURE FOR KEY MESSAGE

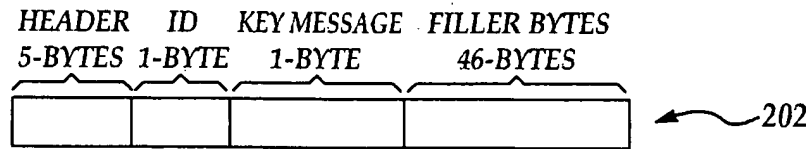


Figure 7

ATM CELL STRUCTURE FOR DATA MESSAGE AND KEY MESSAGE

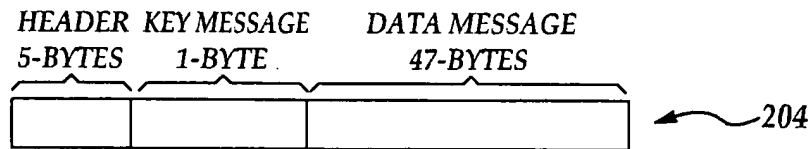


Figure 8

CALCULATION OF FIRST MODIFICATION KEY VALUE (K1) FOR FIRST DATA MESSAGE

MONTH	DAY	YEAR	HOUR	MINUTE			
12	18	03	16	29	= 78	=	
						01001110	
						+	
						00000001	VOICE SAMPLE
						01001111	KEY (K1)

Figure 9

CALCULATION OF SECOND MODIFICATION KEY VALUE (K2) FOR FIRST DATA MESSAGE

MONTH	DAY	YEAR	HOUR	MINUTE			
12	18	03	16	30	= 80	=	
						01001111	
						+	
						00000001	VOICE SAMPLE
						01010000	KEY (K2)

Figure 10

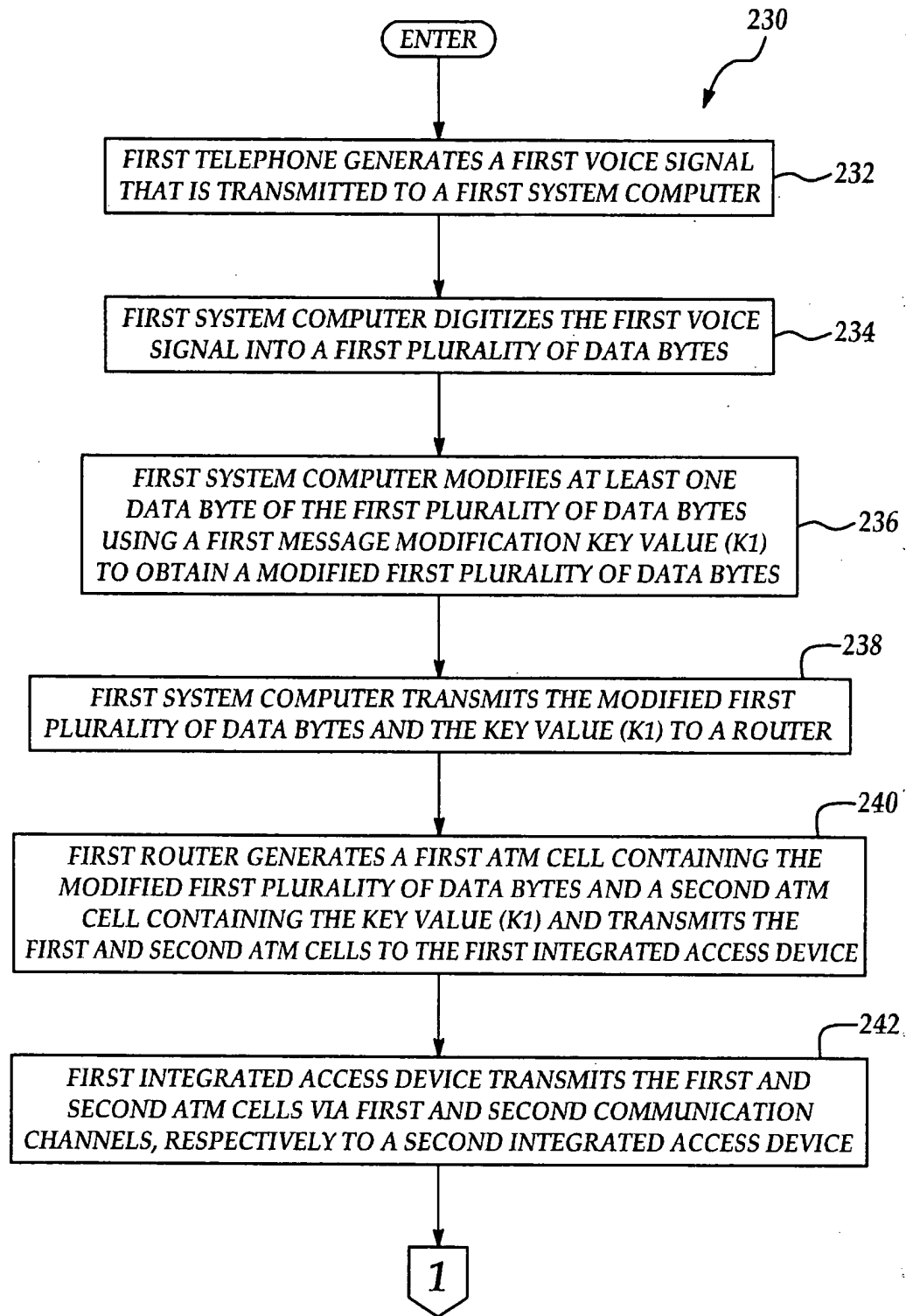


Figure 11A

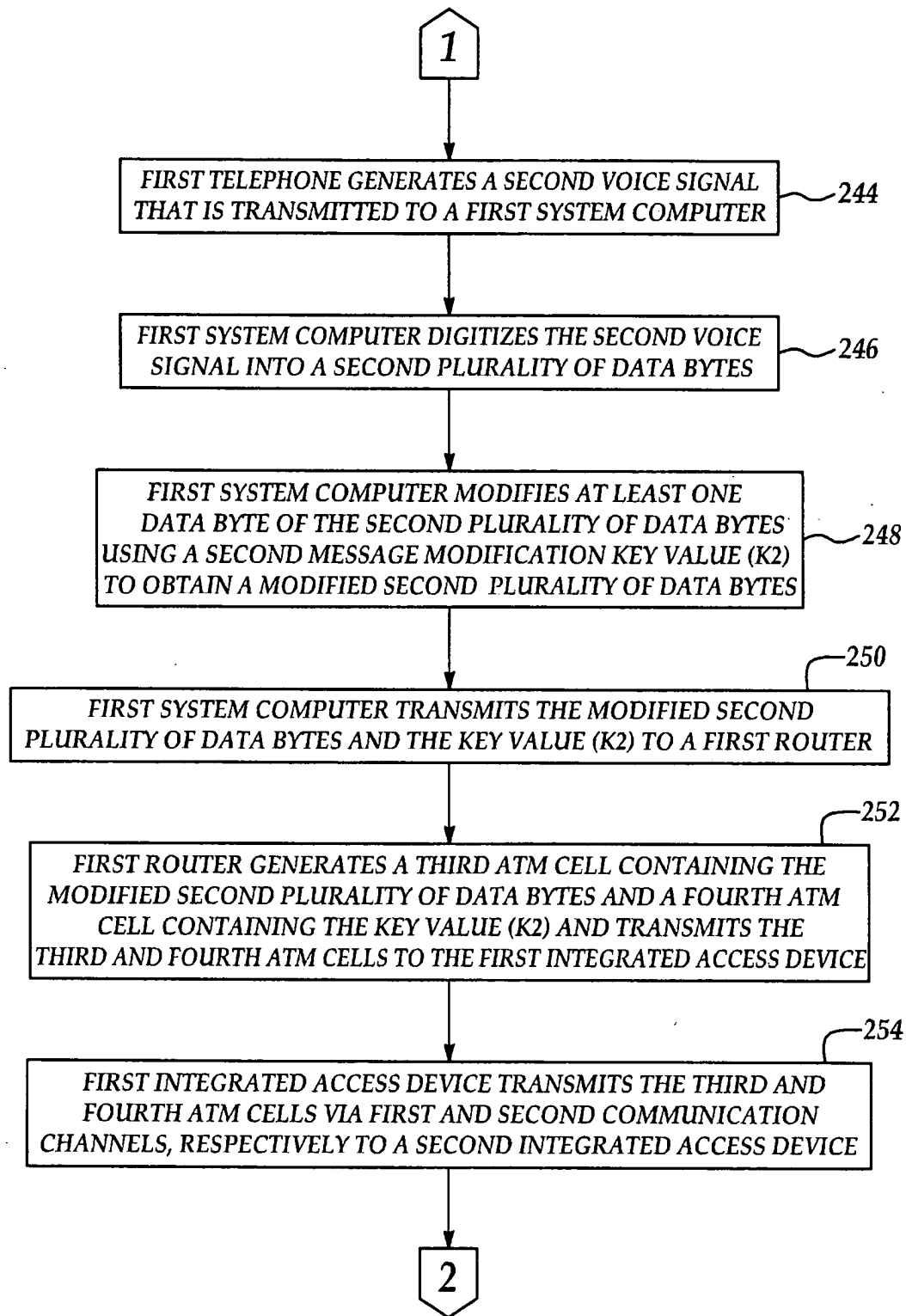


Figure 11B

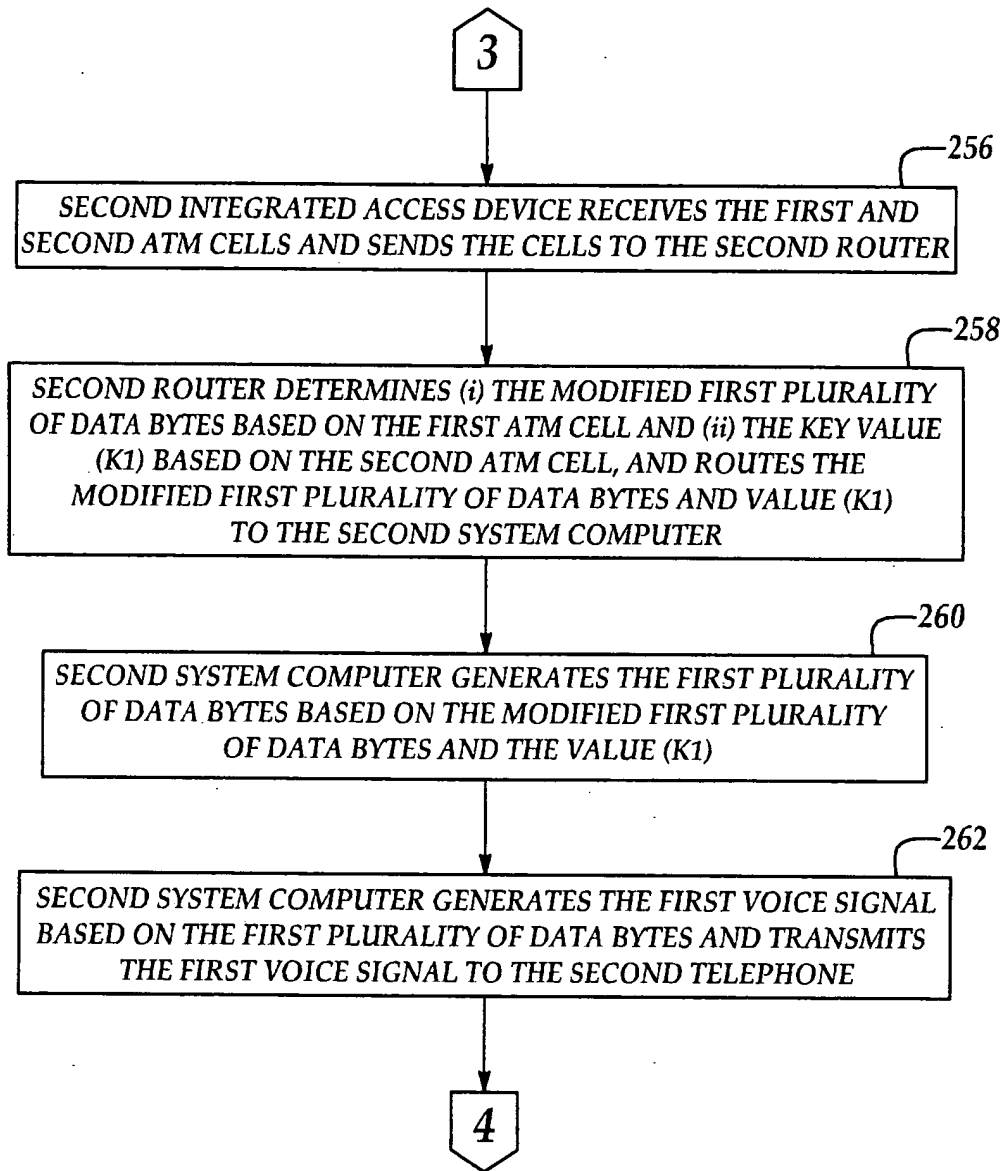


Figure 11C

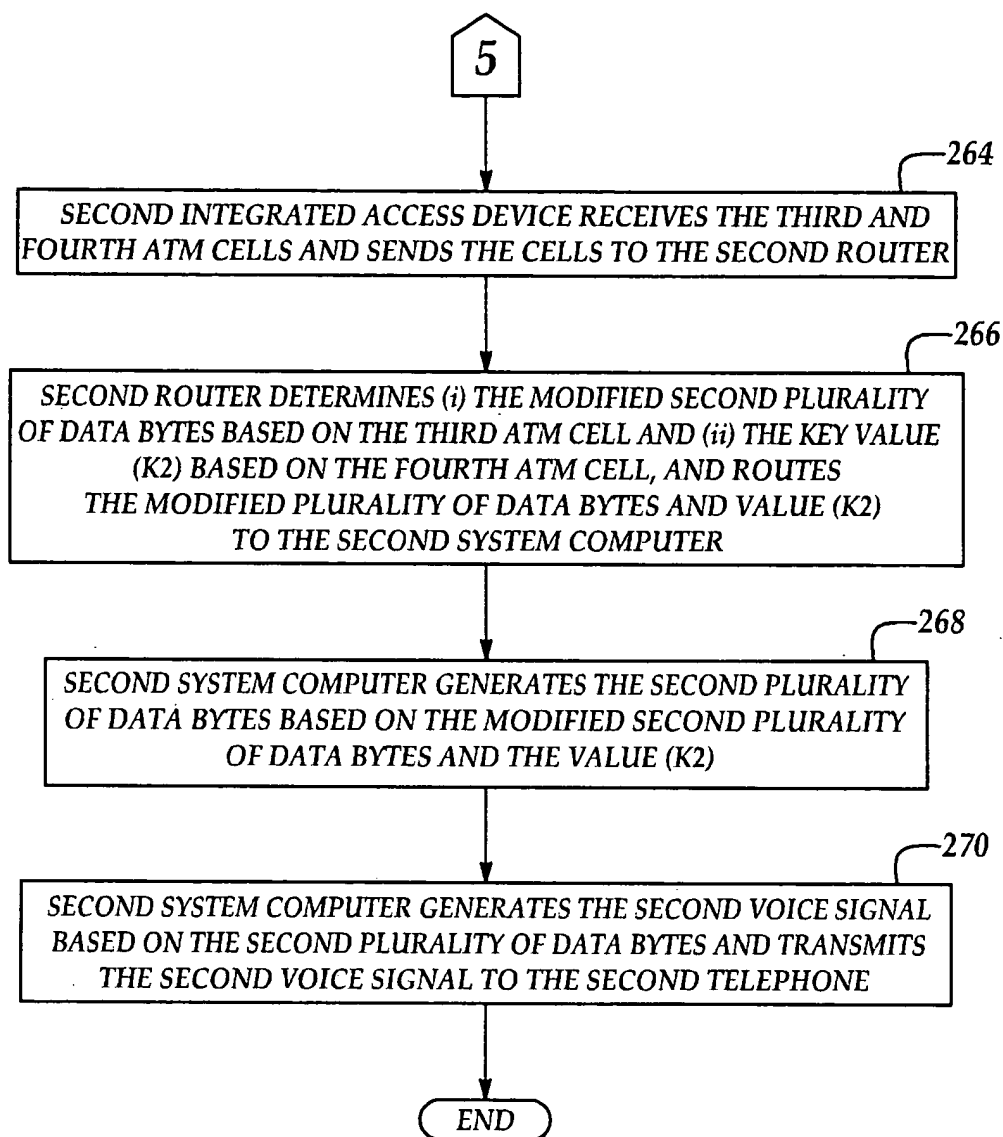


Figure 11D